



JavaFX DAG Editor

File

Mode

Layout

View

Window

Help

Temp1

Mode: Move



**File**   **Mode**   **Layout**   **View**   **Window**   **Help**

- New
- Open
- Save
- Save As
- Properties**
- Export
- Quit



Temp1



Graph Property Object Editor

Name:

Temp1

Description:

Some description of what the graph represents

Some Other Graph Property:

property Value

Some Other Property:

Value 1

OK

Cancel



Temp1

**Graph Property Object Editor**

Name:

Description:

Some Other Graph Property:

Some Other Property:





# JFX Graph Editor

**File**   **Mode**   **Layout**   **View**   **Window**   **Help**

Root Process



**Mode: Move**



Root Process

Do this



Root Process

Do this





Root Process

Do this

Do this





File Mode Layout View Window Help

Root Process

- Move
- Connect
- Edit Properties**
- Edit Subgraph

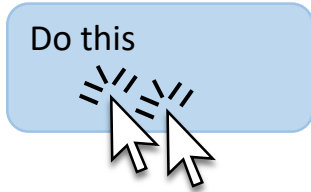
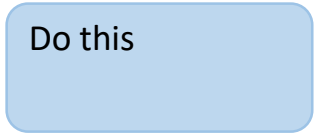


Do this

Do this



Root Process



Node Property Object Editor

Name:

Description:

Some Property:

Some Other Property:



Root Process

Do this

Do this

**Node Property Object Editor**

Name:

Description:

Some Property:

Some Other Property:

- Value 2
- Value 1
- Value 2**
- Value 3
- Value 4



Root Process

Do this

Then this



Root Process

Do this

Then this

And this



# JFX Graph Editor

**File**   **Mode**   **Layout**   **View**   **Window**   **Help**

Root Process

- Move**
- Connect**
- Edit Properties**
- Edit Subgraph**



Do this

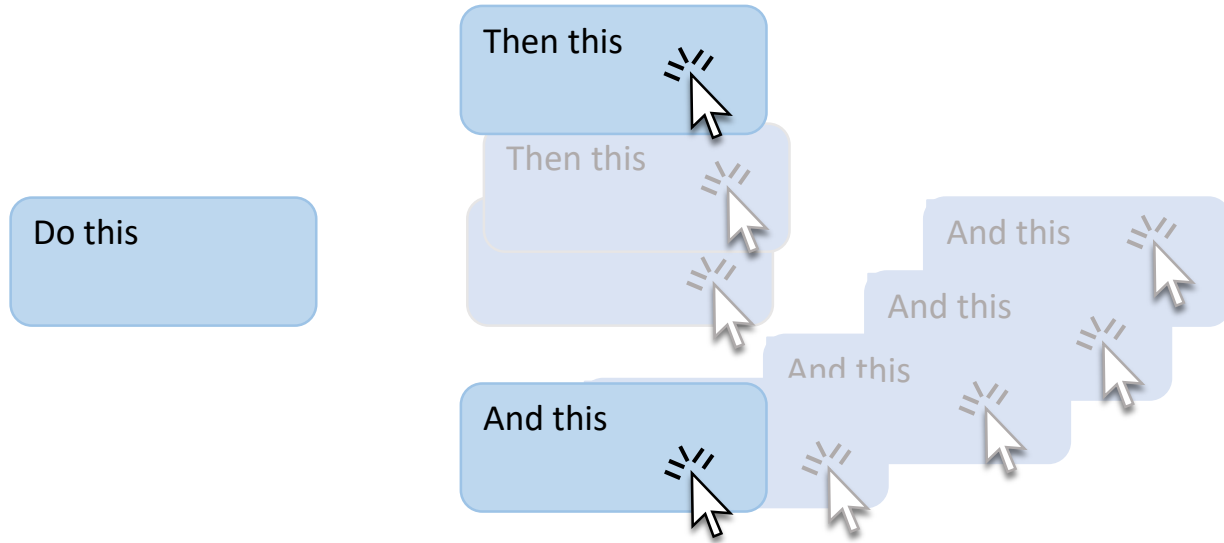
Then this

And this

**Mode: Edit Properties**



Root Process





Root Process

Do this

Then this

And this





Root Process

- Move
- Connect
- Edit Properties
- Edit Subgraph



Do this

Then this

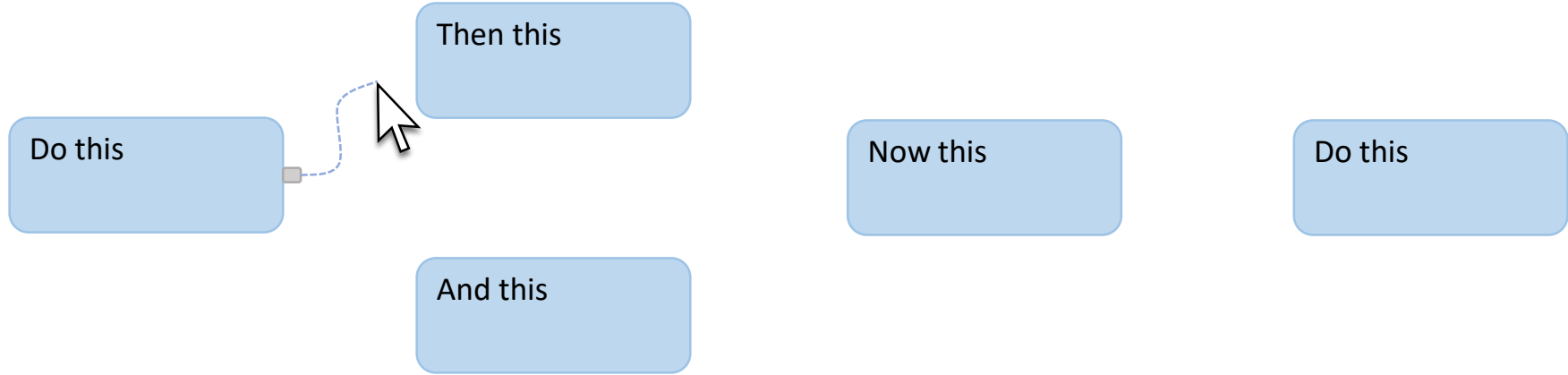
Now this

Do this

And this

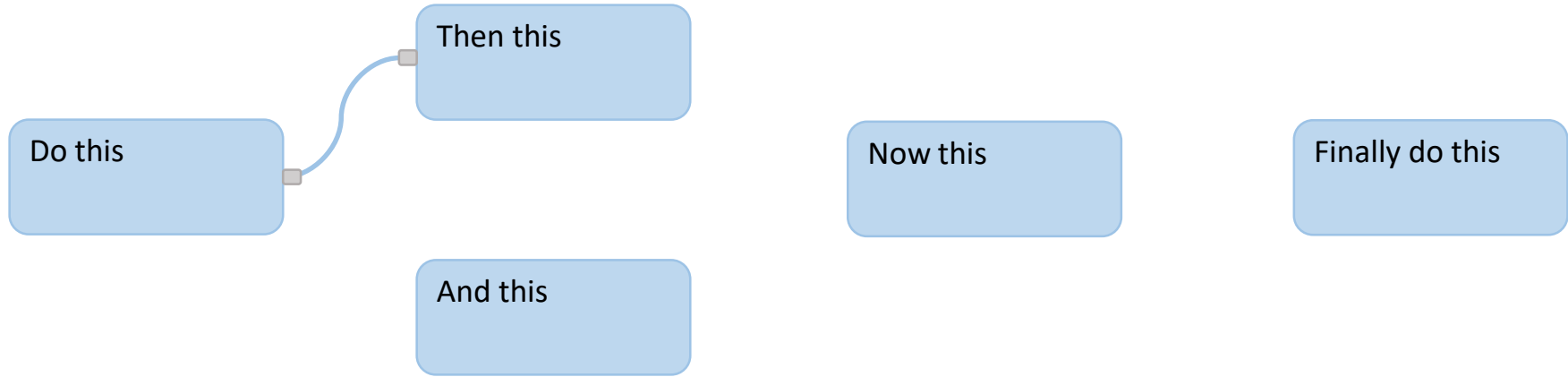


Root Process





Root Process



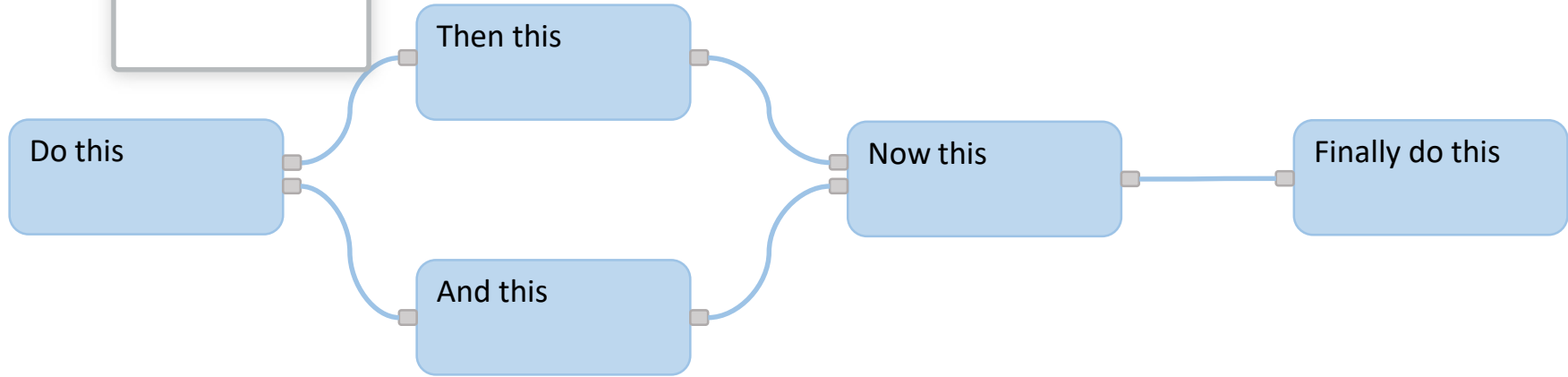


# JFX Graph Editor

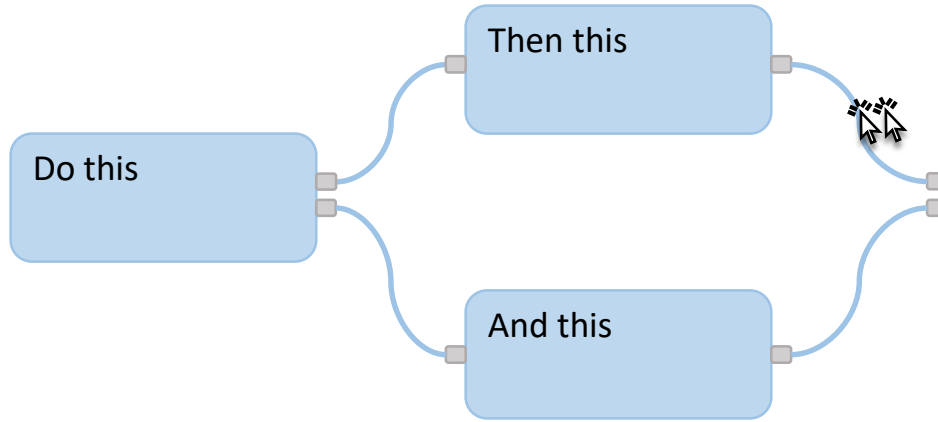
- File
- Mode
- Layout
- View
- Window
- Help

Root Process

- Move
- Connect
- Edit Properties
- Edit Subgraph



Mode: Connect



Edge Property Object Editor

Some Edge Property:

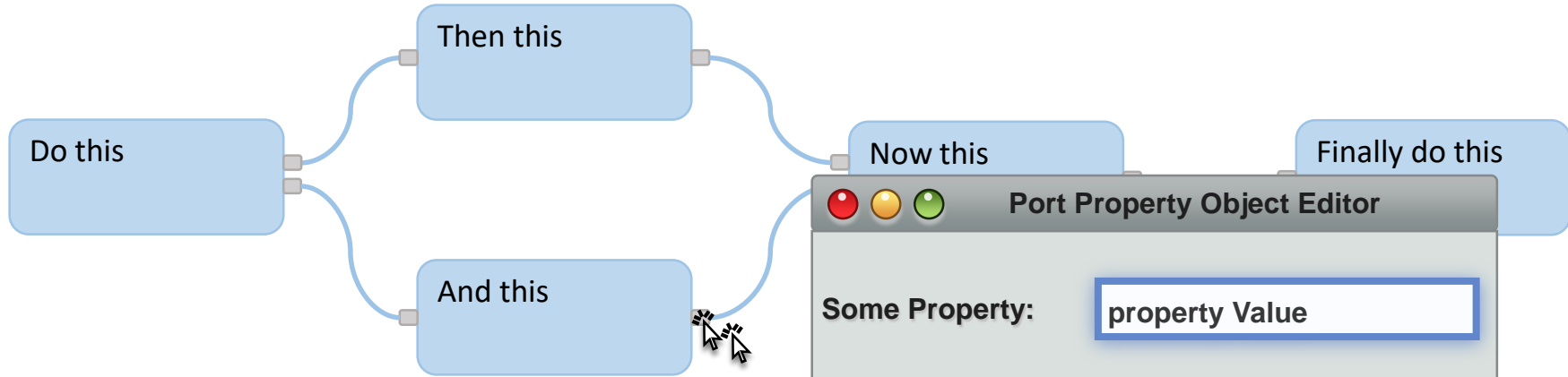
Some Other Property:

And Another Edge Property:

OK Cancel



Root Process



Port Property Object Editor

Some Property:

Some Other Property:

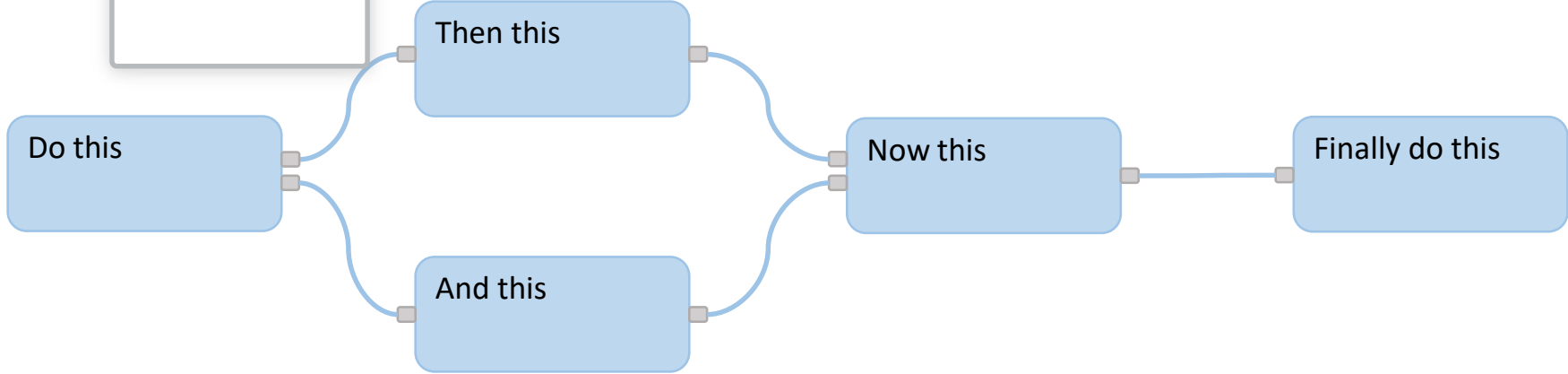
And Another Property:

OK Cancel



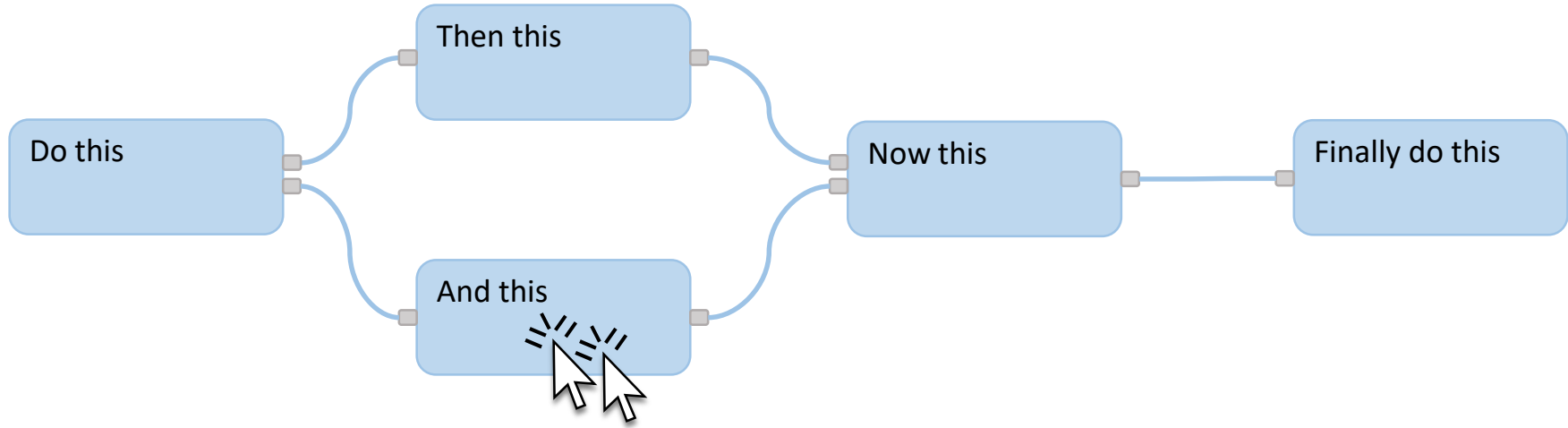
Root Process

- Move
- Connect
- Edit Properties
- Edit Subgraph**





Root Process







# JFX Graph Editor

**File**   **Mode**   **Layout**   **View**   **Window**   **Help**

Root Process

And This



**Mode: Move**



Root Process > And This >

This step is first



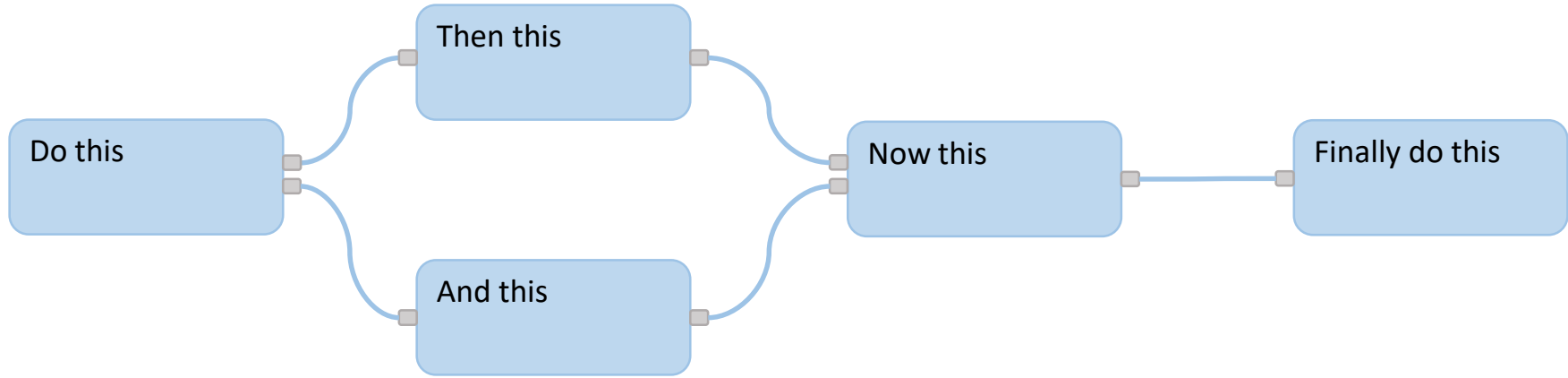
Root Process And This



This step is first

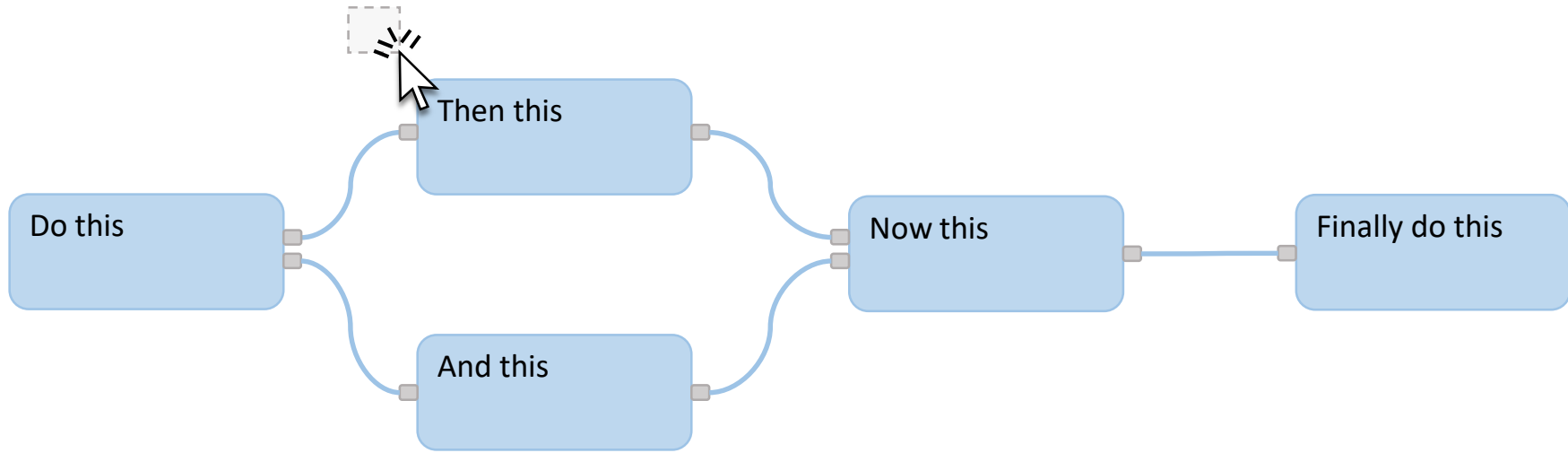


Root Process



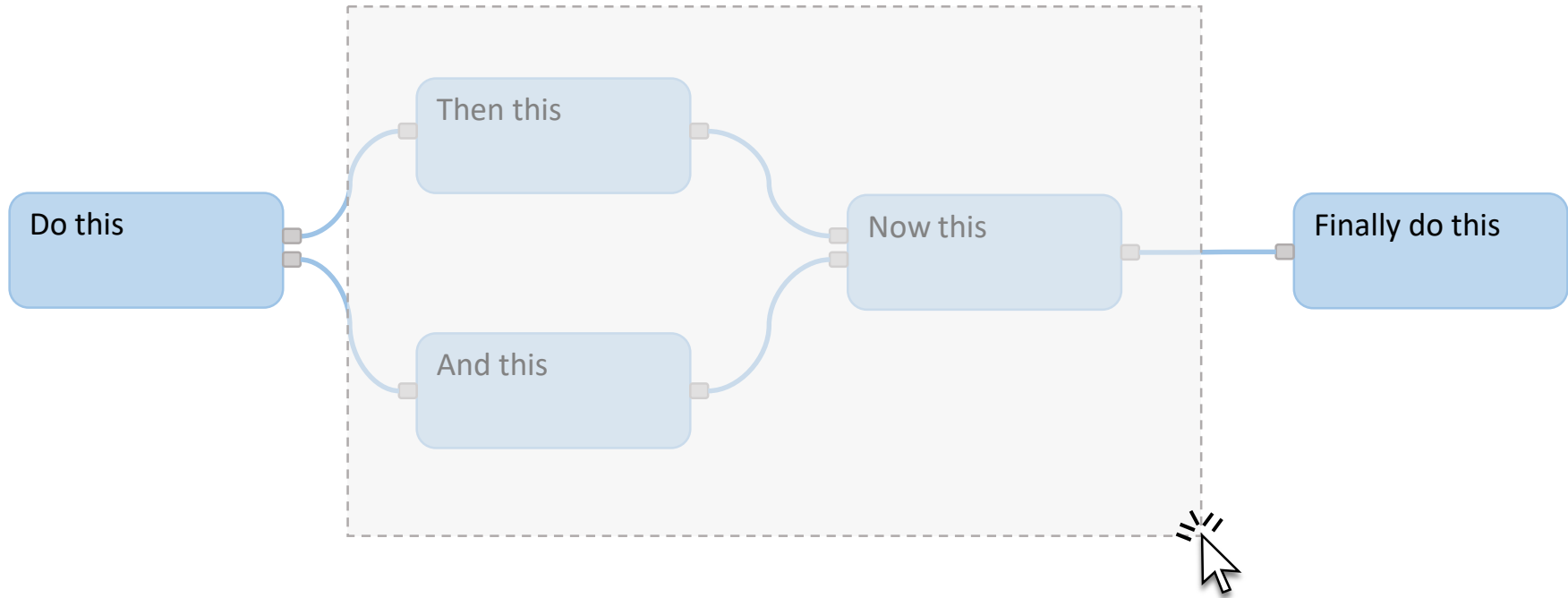


Root Process



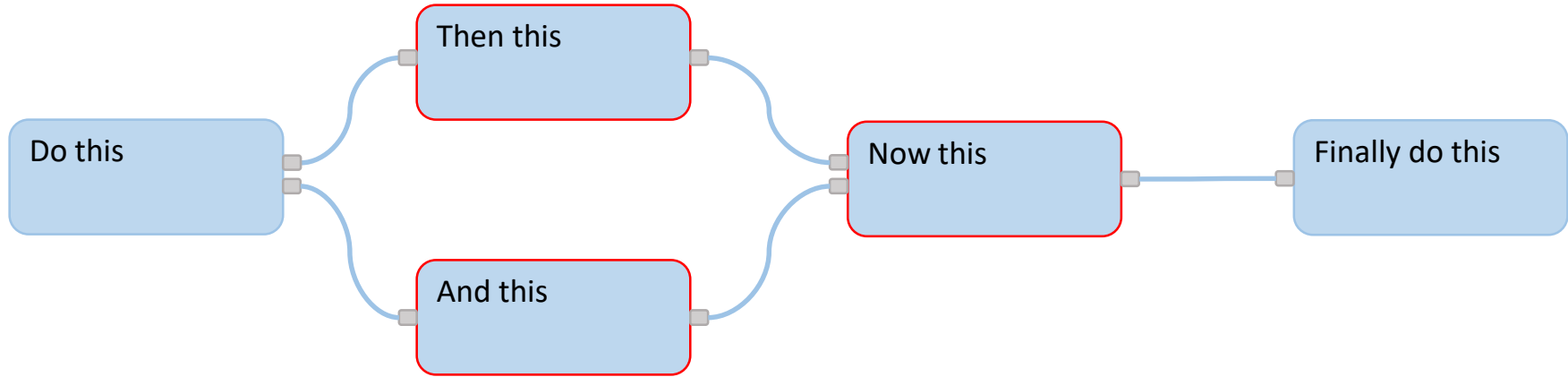


Root Process



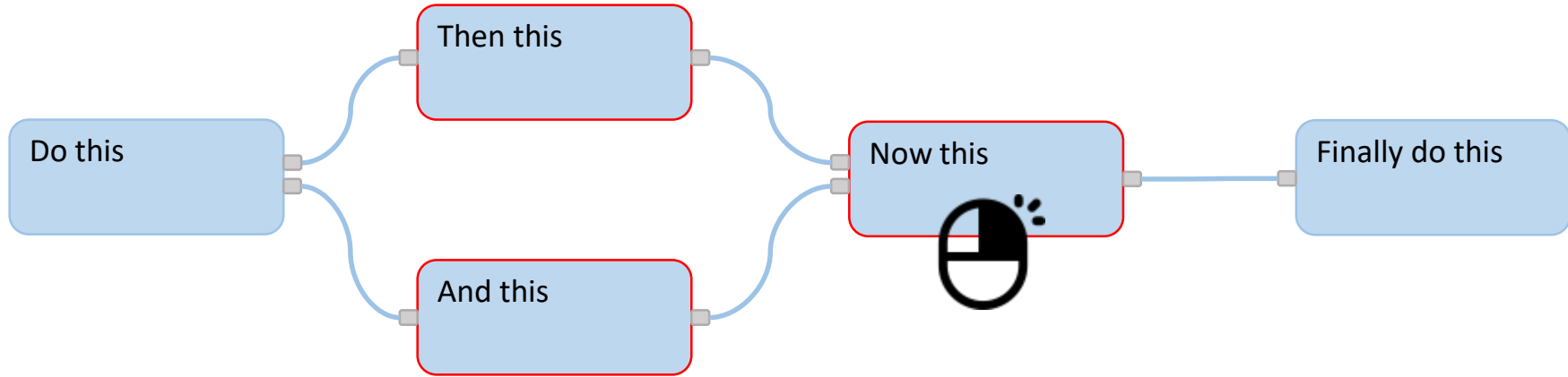


Root Process





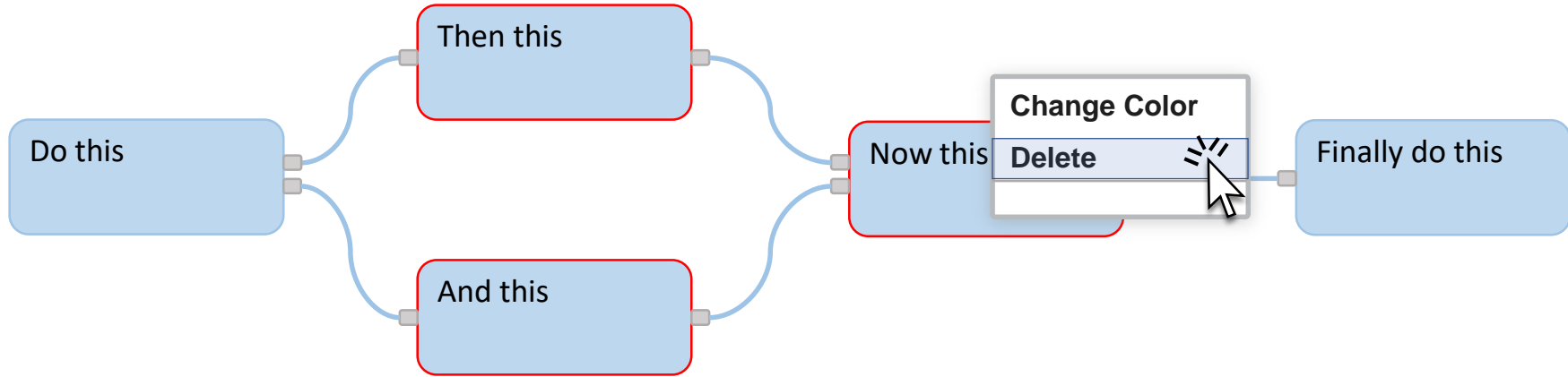
Root Process







Root Process





# JFX Graph Editor

**File**   **Mode**   **Layout**   **View**   **Window**   **Help**

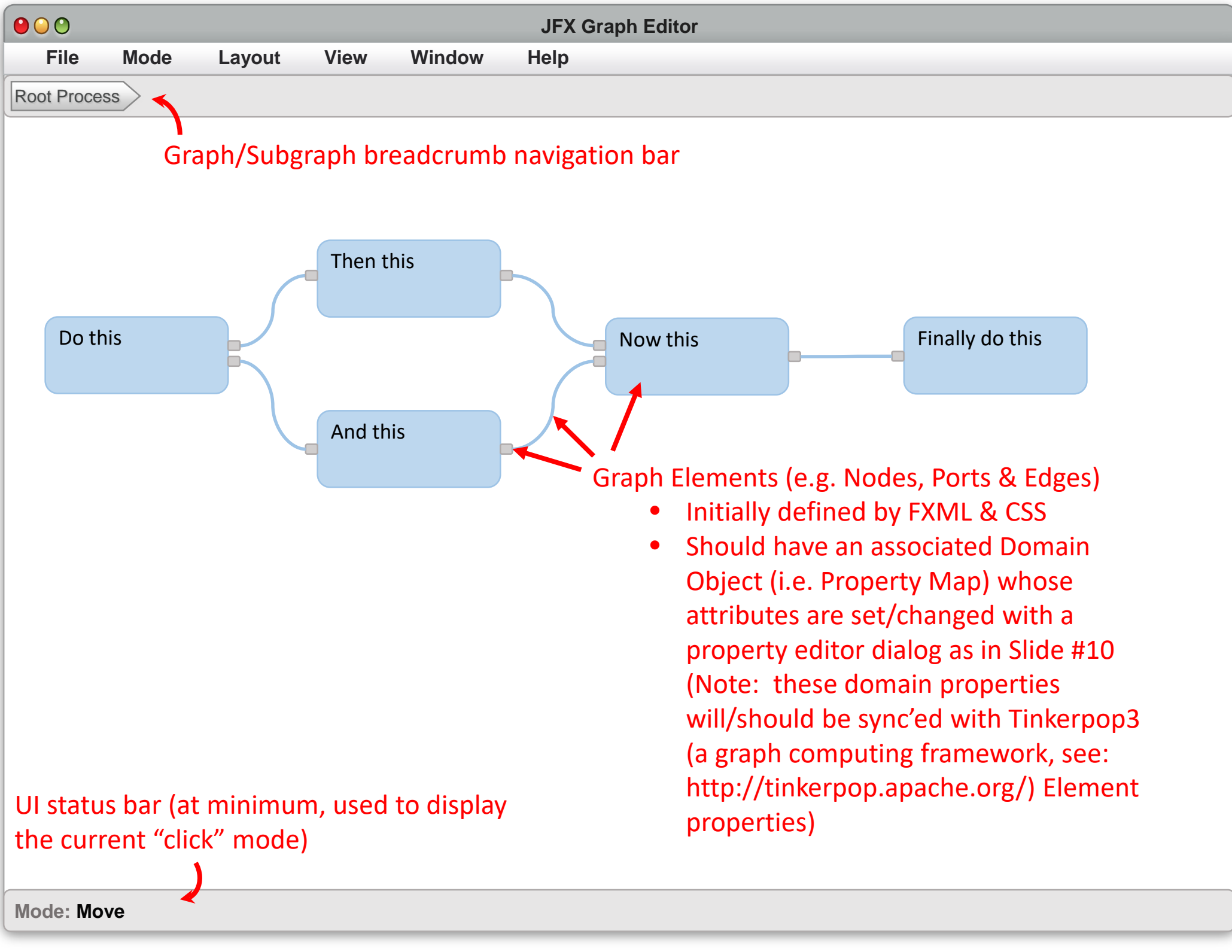
Root Process

Do this

Finally do this

**Mode: Move**

# Element Descriptions



Graph/Subgraph breadcrumb navigation bar

Graph Elements (e.g. Nodes, Ports & Edges)

- Initially defined by FXML & CSS
- Should have an associated Domain Object (i.e. Property Map) whose attributes are set/changed with a property editor dialog as in Slide #10 (Note: these domain properties will/should be sync'ed with Tinkerpop3 (a graph computing framework, see: <http://tinkerpop.apache.org/>) Element properties)

UI status bar (at minimum, used to display the current "click" mode)

Mode: Move